

IN THE ABSTRACT:

Replace the abstract originally provided on the cover sheet of the PCT application with the following new abstract. A new abstract numbered page 27 is enclosed for the last page of the application following the claims.

ABSTRACT OF THE DISCLOSURE

An optical network is configured so as to dedicate a first portion of lightpaths to high priority traffic and leave a second portion of lightpaths available for low priority traffic. The high priority traffic entering the high priority lightpaths is monitored. In case of detection of a burst in high priority traffic, at least one of the low priority lightpaths is torn down, so as to make available network resources within the network. Then, a new temporary lightpath is set up using the available network resources, and high priority traffic is routed on the temporary lightpath.